

Converting Colors

YIQ(180.8270, -36.7220,
-17.3140)

Have a look what the booklet for
YIQ(180.8270, -36.7220, -17.3140)
contains.

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Color

**YIQ(180.8270, -36.7220,
-17.3140)**

Conversions

Conversions Part 1

Format	Color
Hex	87CAC0
RGB	135, 202, 192
RGB Percent	53%, 79%, 75%
CMY	0.4707, 0.2077, 0.2472
CMYK	0.33, 0.00, 0.05, 0.21
HSL	171°, 39%, 66%
HSV	171°, 33%, 79%
XYZ	40.6225, 51.2059, 57.5914
YIQ	180.8270, -36.7220, -17.3140

Conversions

Conversions Part 2

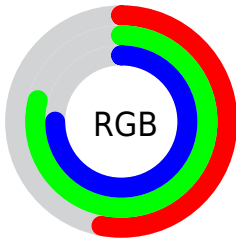
Format	Color
RYB	135, 171, 202
Decimal	8899264
CIELab	76.80, -23.39, -1.74
CIELCh	77, 23.452, 184.251
Yxy	51.2059, 0.2719, 0.3427
Android (android.graphics.Color)	4287089344 (0xFF87CAC0)
YUV	180.8270, 5.5083, -40.1903
Hunter-Lab	71.5583, -23.8953, 2.3731

Details

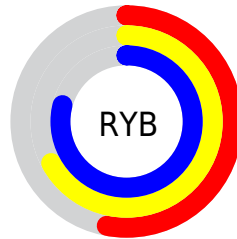
The YIQ color **180.8270, -36.7220, -17.3140** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **156.1730, 36.7220, 17.3140**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **234.7670, -36.4930, -15.9570**, and **127.2400, -36.4470, -16.7910** is the 20% darker color. If you saturate the color by 10%, you get **174.5050, -47.6790, -22.4870**, and if you desaturate by 10%, it is **187.1490, -25.7650, -12.1410**.

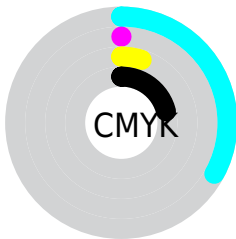
Distribution



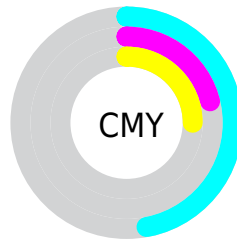
- Red (53%)
- Green (79%)
- Blue (75%)



- Red (53%)
- Yellow (67%)
- Blue (79%)



- Cyan (33%)
- Magenta (0%)
- Yellow (5%)
- Black (21%)



- Cyan (47%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.8270, -36.7220, -17.3140 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 180.8270, -36.7220, -17.3140 by changing the saturation by 10% instead.

■ 180.8270,
-36.7220, -17.3140

■ 180.8270,
-36.7220, -17.3140

■ 255.0000, -0.0000,
-0.0000

■ 153.8270,
-36.7220, -17.3140

■ 234.7670,
-36.4930, -15.9570

■ 127.2400,
-36.4470, -16.7910

■ 244.2360,
-21.4560, -7.6320

■ 100.9410,
-37.0430, -17.0030

■ 252.9070, -4.1720,
-1.4840

■ 75.1580, -39.1520,
-17.3280

■ 50.2610, -40.9400,
-17.9640

■ 34.2520, -27.5530,
-12.7770

■ 20.2320, -15.6330,

-8.5370

■ 0.0000, 0.0000,
0.0000

■ 180.8270,
-36.7220, -17.3140

■ 180.8270,
-36.7220, -17.3140

■ 174.5050,
-47.6790, -22.4870

■ 187.1490,
-25.7650, -12.1410

■ 168.1830,
-58.6360, -27.6600

■ 193.4710,
-14.8080, -6.9680

■ 161.5620,
-70.1890, -33.0450

■ 200.0920, -3.2550,
-1.5830

■ 155.2400,
-81.1460, -38.2180

■ 206.4140, 7.7020,
3.5900

■ 148.9180,
-92.1030, -43.3910

■ 212.7360, 18.6590,
8.7630

■ 142.5960,
-103.0600, -48.5640

■ 218.7590, 29.0200,
13.7240

■ 138.1820,
-110.7620, -52.1540

■ 219.1010, 28.0570,
14.6570

■ 219.4430, 27.0940,
15.5900

■ 219.7850, 26.1310,
16.5230

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



182.8260, -17.7860, -19.0820



180.8270, -36.7220, -17.3140



180.8400, -46.7640, -11.5320

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



180.8270, -36.7220, -17.3140



191.9740, -5.1380, 16.0300



190.4260, 33.7910, -1.1610

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



180.8270, -36.7220, -17.3140



156.1730, 36.7220, 17.3140

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



191.9030, 37.1820, 8.9740



180.8270, -36.7220, -17.3140



193.5050, 15.3560, 19.0680

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



180.8270, -36.7220, -17.3140



188.2100, -26.5940, 8.3980



193.1230, 30.9910, 16.5510



188.2840, 22.1470, -10.4050

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



180.8270, -36.7220, -17.3140



182.7140, -46.1690, -5.7930



193.1230, 30.9910, 16.5510



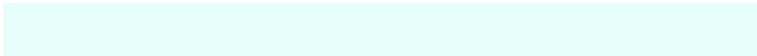
191.2030, 36.0370, 2.1890

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



180.8270, -36.7220, -17.3140



247.0690, -13.6160, -6.5440



177.6180, -11.8690, -32.7090



122.8740, -8.5730, -4.3250



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



180.8270, -36.7220, -17.3140



222.7920, -55.9770, -26.2890



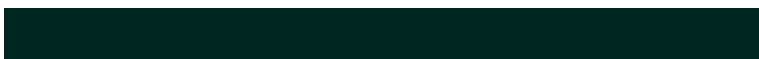
169.0530, -33.8820, -2.6980



98.7820, -5.3180, -2.7420



113.5160, -90.9110, -42.9670



26.0680, -21.0430, -9.6110

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



156.1730, 36.7220, 17.3140



185.2080, 55.9770, 26.2890



167.9470, 33.8820, 2.6980



95.1040, 5.6390, 2.4310



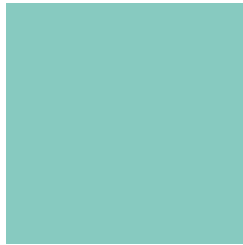
52.4840, 90.9110, 42.9670



12.0460, 20.7220, 9.9220

Previews

White Background



This preview shows how the YIQ color 180.8270, -36.7220, -17.3140 looks on a white background.

Color Contrast Check

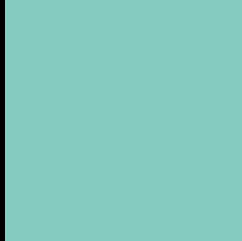
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 180.8270, -36.7220, -17.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

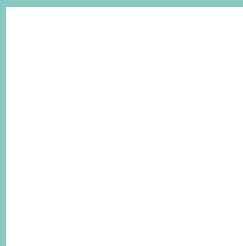
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 180.8270, -36.7220, -17.3140 Background



This preview shows how black text looks on a background with the YIQ color 180.8270, -36.7220, -17.3140.



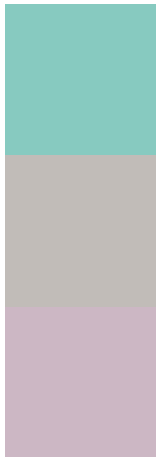
This preview shows how white text looks on a background with the YIQ color 180.8270, -36.7220, -17.3140.

-17.3140.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

180.8270, -36.7220, -17.3140

Protanopia

189.0390, 4.2640, -0.1840

Deuteranopia

190.7610, 8.3430, 8.4950



Tritanopia

183.1830, -40.3000, -7.5320

Trichromacy



Original Color

180.8270, -36.7220, -17.3140

Protanomaly

186.0370, -10.5900, -6.3180

Deuteranomaly

187.2810, -8.1610, -0.7770

Tritanomaly

182.2600, -39.1990, -10.9670

Monochromacy



Original Color

180.8270, -36.7220, -17.3140

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

181.0690, -13.6160, -6.5440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.8270, -36.7220, -17.3140 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(135, 202, 192)` looks like.

```
.text, #text, p{  
    color:rgb(135, 202, 192)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(135, 202, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 202, 192) }
```

Border

The CSS property to change the border of an element to YIQ 180.8270, -36.7220, -17.3140 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 202, 192) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(135, 202, 192) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(135, 202, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 202, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 202, 192);  
box-shadow:4px 4px 4px 4px rgb(135, 202,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 180.8270, -36.7220, -17.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 202, 192) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(135,  
202, 192) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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